



THE ILLINOIS STUDENT BRANCH  
OF  
THE AMERICAN SOCIETY  
OF  
AGRICULTURAL ENGINEERS

## Exhibits

1. Protein Skimmer by Dave Kendrick
2. Model Oxidation Ditch
3. Nitrate Reduction
4. Pressure Drop Through Grain by Mike Flenniken
5. Swine Bone Strength as Affected by Dietary Mineral Content by Paul Klazura
6. Soybean Drying by Bob Roley
7. Illustration of Physical Properties of Agricultural Commodities by Dave Colgan
8. Electric Engine by Mike Flenniken
9. Trash Separation by Air Separator by Dave Burgener
10. Silica Gel Grain Dryer by Dave Freese
11. Hail Damage to Siding Material
12. Sand-Cement Meter by Bob Keller and Norm Wettstein
13. Development of Concrete Wall Panel System
14. Soil Bin by Carl Anderson and Dean Knobloch
15. Noise of Radiator Fans by Ron Schneider
16. Spray Drift Reduction Study by Samir Younis
17. Analog Computer Simulations by Jim Steffen and Mike Moncelle
18. Soil Shear
19. Frequency Study of Muffler Shells Excited by Shock Tube
20. Cut-away View of Hydrostatic Transmission: Cub-Cadet Model
21. Exhaust Emissions Study by Ron Reichen and Greg Herriott
22. IH Cyclo Planter
23. Models of Confinement Systems and Oxidation Ditch
24. ASAE Student Branch Exhibit by John Gross
25. Information Table
26. John Deere Sound-Gard Exhibit

## Agricultural Engineering Open House

Frank B. Lanham - Department Head

Errol Rodda

Harvey Hirning - Faculty Advisers

Student Committee

Melvin H. Buescher - Chairman

## Exhibits

- Carl Anderson, Dave Colgan, Dave Kendrick, Al Humke
- Dave Colgan
- Al Humke
- Carl Anderson

## Tours

## Program

## Publicity

# Agricultural Engineering

"The Profession with America's Future"

## 1973 ENGINEERING OPEN HOUSE

*March 16 & 17, 1973*

Welcome to Agricultural Engineering OPEN House. Agricultural Engineering is the application of engineering principles to agricultural problems. Specialized areas of interest are Agricultural Mechanization, Farm Structures, Environmental Control, Soil and Water Conservation, and Electrical Power and Processing. In the department, each student as an individual is emphasized. Small classes and student oriented instructors, coupled with the student's individual research projects, help develop each student into a capable professional engineer. Upon graduation, agricultural engineers find success with challenging opportunities ranging from the development of automated environmental control systems for livestock production, to the design of harvesting machines for fruits and vegetables.

Thank you for touring the Agricultural Engineering Department. Please feel free to ask questions. If you would like more information about Agricultural Engineering, write to Dr. Frank B. Lanham, Head, Agricultural Engineering Department, University of Illinois, Urbana, Illinois 61801.

Visit Us Again  
We Enjoyed Being Your Host

**Agricultural  
Engineering  
Tour**

Numbers correspond to  
Exhibits listed on back  
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